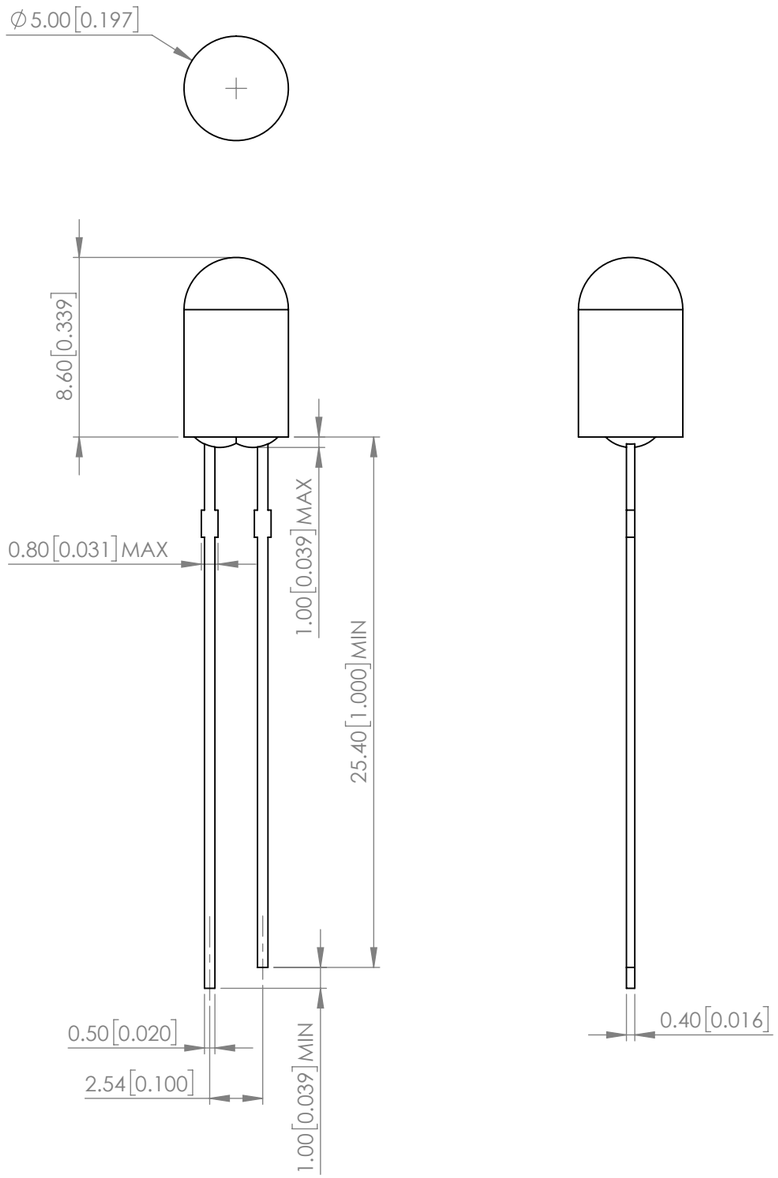
PART NUMBER	SLX-LX509F6UWC	REV	A

REV	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	ECN-Lumex202000046	06.17.20



ELECTRO-OPTICAL CHARACTERISTIC TA=25℃

PARAMETER		MIN	TYP	MAX	UNITS	TEST COND
CHROMATICITY COORDINATES	X	0.2020	-	0.3622	-	If=20mA
	Y	0.1530	-	0.3939		
FORWARD VOLTAGE		-	3.0	3.5	Vf	If=20mA
REVERSE CURRENT		-	-	10	uA	VR=5V
LUMINOUS INTENSITY		11000	25000	-	mcd	-
VIEWING ANGLE		-	30	-	2x theta1/2	-
EMITTED COLOR		WHITE				
EPOXY LENS FINISH		WATER CLEAR				

ABSOLUTE MAXIMUM RATINGS TA=25℃

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
FORWARD CURRENT	20	mA
REVERSE VOLTAGE	5	V
POWER DISSIPATION	70	mW
STORAGE TEMPERATURE	-30 TO +100	℃
OPERATING TEMPERATURE	-20 TO +80	℃
LEAD SOLDER TEMPERATURE**	5SEC MAX @260	℃

*1/10 Duty Cycle, 0.1ms Pulse Width
**4mm FROM BODY

STATIC DEVICE FOLLOW PROPER
E.S.D. HANDLING PROCEDURES
WHEN WORKING WITH THIS PART

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= +DECIMAL PRECISION -0.00 MAX.= +0.00 -DECIMAL PRECISION

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T-5mm(T-1 3/4), ULTRA WHITE LED, WATER CLEAR LENS, FLANGLESS

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE.

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DATE : 2020.06.17	DRAWN BY : E.C.
PAGE : 1 OF 1	CHKD BY : E.C.
SCALE : NTF	APRVD BY : G.Y.
UNIT : mm [INCH]	Pb